CTRONIC FIELD DEVICE WITH A SENSOR UNIT FOR PROCESS MEASUREMENT

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ventor: HEILIG CLEMENS (DE)

plicant: ENDRESS & HAUSER GMBH & CO KG (DE)

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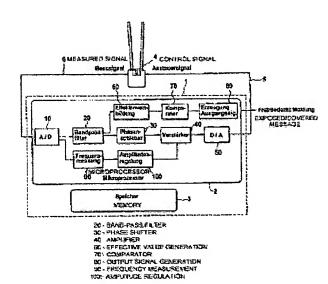
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bstract of **DE10161072**

he invention relates to an electronic field device (1) with a sensor unit (4) for process measurement, hereby the electronic field device (1) is connected to the sensor unit (4) by means of corresponding gnal paths (5, 6), the electronic field device (1) receives analogue measurement signals from the ensor unit (4), generates control signals for the sensor unit (4) and transmits the same to the sensor nit (4). According to the invention, the electronic field device (1) comprises an analogue/digital onverter (10), a microprocessor (2) and a memory unit (3), whereby the analogue signals are igitised by means of the analogue/digital converter (10) and supplied to the microprocessor (2). The icroprocessor (2) carries out the generation of the control signals according to given programming equences, whereby the corresponding programmes are stored in the memory unit (3).



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